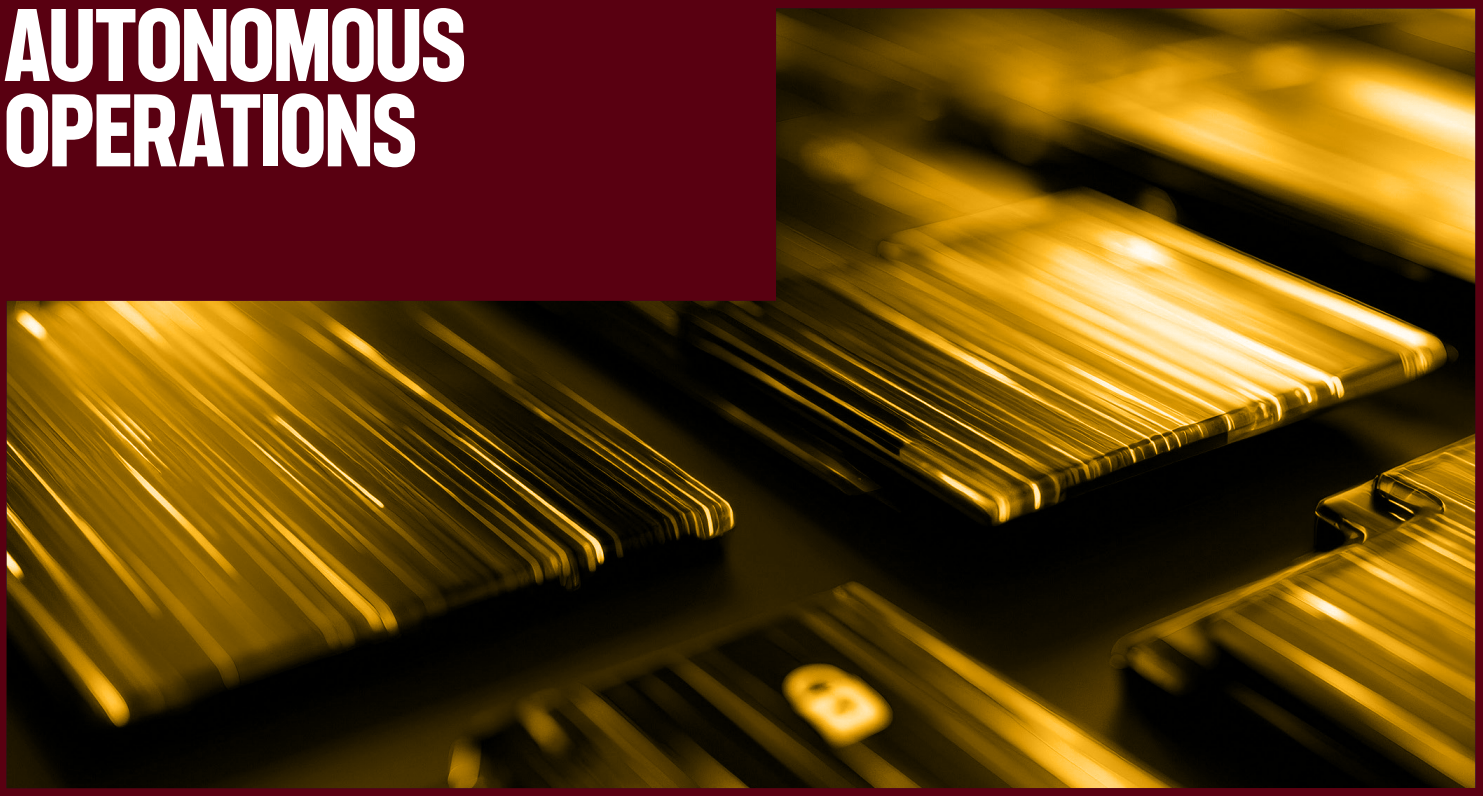
DATASHEET

NETAPP CONSOLE AUTONOMOUS OPERATIONS



Declare outcomes. Automate operations. Secure every action.

The autonomous estate era is here

Storage management is having its observability moment. Storage ecosystems are entering the autonomous estate era, where IT teams declare business and operational outcomes instead of manually coordinating every task across tools, clusters, and environments. Fleets have grown from single clusters to 50, 100, and 500+ systems, and the unit of work is now the fleet, not the cluster. At the same time, the bar for "managed" has moved from dashboards to anomaly detection, root-cause analysis, and AI-assisted remediation. NetApp® Console™ meets this shift with a unified, AI-powered management layer for the NetApp Platform that helps teams move from reactive administration to outcome-driven fleet operations at enterprise scale.

Complete control, delivered through NetApp Console

NetApp Console is the autonomous control plane of the NetApp Platform, and it's how customers put the Platform's complete control into practice: centrally managing and overseeing the intelligent data infrastructure, while using agentic AI to achieve autonomous operations. Humans declare the desired outcome, and Console uses AI-driven insights, guardrails, automation, and remediation workflows to keep the estate aligned to that intent. Console brings together intelligent management, integrated toolsets, and secure control to reduce operational sprawl, accelerate productivity, and deliver security without compromise, where data lives.

Operate your entire storage fleet as one

Console gives teams a single, consolidated view of the entire storage estate instead of fragmented, per-cluster tools. Automated discovery, actionable dashboards, and continuous observability replace manual troubleshooting with real-time insight into health, capacity, performance, and risk across hybrid multicloud environments. Predictive analytics and intelligent incident resolution give teams operational foresight instead of reactive firefighting, helping them catch issues before they affect the business. The result is centralized visibility, greater consistency, and more confident operations as storage fleets scale.

Always on automation at enterprise scale

Console applies agentic AI to everyday operations, letting teams ask questions and take action in natural language instead of hunting across multiple tools and interfaces. Built-in, chatbot-enabled AI assistance surfaces context-aware insights, guides common workflows, and helps translate declared outcomes into the right storage actions, accelerating time to productivity for new team members and reducing day-to-day operational effort for experienced ones. Always-on automation, delivered through AI-driven orchestration, open-standard servers that enable AI models, and API-first integrations, extends this intelligence across the estate.

Placement and provisioning by policy, not guesswork

Rather than provisioning storage cluster by cluster, Console lets teams declare the outcome they want and enforce it through storage classes and policy-driven placement. Guardrail-controlled provisioning translates intent into consistent, governed storage actions, improving placement accuracy, capacity utilization, and performance efficiency without manual, ticket-driven workflows. Replace per-cluster guesswork, with this intent-based approach through policy-driven operations that scale consistently across hundreds of systems and hybrid multicloud environments.

Operational foresight, not reactive firefighting

Console closes the loop between detection and action. Closed-loop remediation operates inside defined guardrails, covering capacity, quality of service, and ransomware response, so common issues are resolved automatically rather than escalated through tickets and manual intervention. Governed remediation helps teams reduce time to resolution, minimize manual troubleshooting, and free up time for strategic work instead of firefighting, while keeping a human in the loop for approval and oversight.

Accelerate productivity, reduce operational risk

NetApp Console accelerates operational productivity by simplifying onboarding, streamlining daily administration, and guiding teams through common storage and data services workflows from one intuitive experience. It delivers faster time to productivity through guided onboarding, simplified configuration, and automated system discovery, with less day-to-day operational effort with natural language AI-assistance, centralized controls, and consolidated administration. Console improves operational awareness with customized, actionable dashboards, health summaries, alerts, notifications, and context aware insights. Teams have more time for strategic work as they spend less time on tool switching, repetitive tasks, and manual troubleshooting and remediation. With automated discovery, actionable dashboards, proactive monitoring, autonomous remediation, and consolidated administration, Console helps teams reduce manual effort, minimize context switching, and act faster with greater confidence.

KEY BENEFITS

- Unify fleet-wide control and observability across the storage estate.
- Turn declared outcomes into governed, guardrail-controlled storage actions automatically.
- Provision, place and manage with confidence using intent-based storage classes and policies.
- Get guided answers and act faster with agentic AI and natural-language ChatOps.
- Resolve issues faster with autonomous, policy-driven remediation.
- Secure AI operations with bring your own LLM.
- Protect every action with identity-verified access, zero-trust controls, and always-on compliance.
- Reduce tool sprawl with one autonomous control plane for storage and data services.
- Scale operations with consolidated administration and always-on compliance.

Security without compromise from the inside out

Security is built into the control plane, not bolted on. Every action is authenticated through identity-verified access, with least-privilege permissions and multi-layer, Zero Trust-aligned controls across a multi-tenant resource hierarchy. Secrets and credentials are encrypted and managed without added operational complexity, and REST API access is governed the same way. For teams that want to bring their own large language model, Console supports secure AI operations with BYO-LLM, letting organizations use their own organizational LLMs for AI-assisted operations while keeping data and models under their own governance. Always-on compliance and governance, with policy enforcement, activity monitoring, and anomaly detection, help teams stay audit-ready as the estate scales.

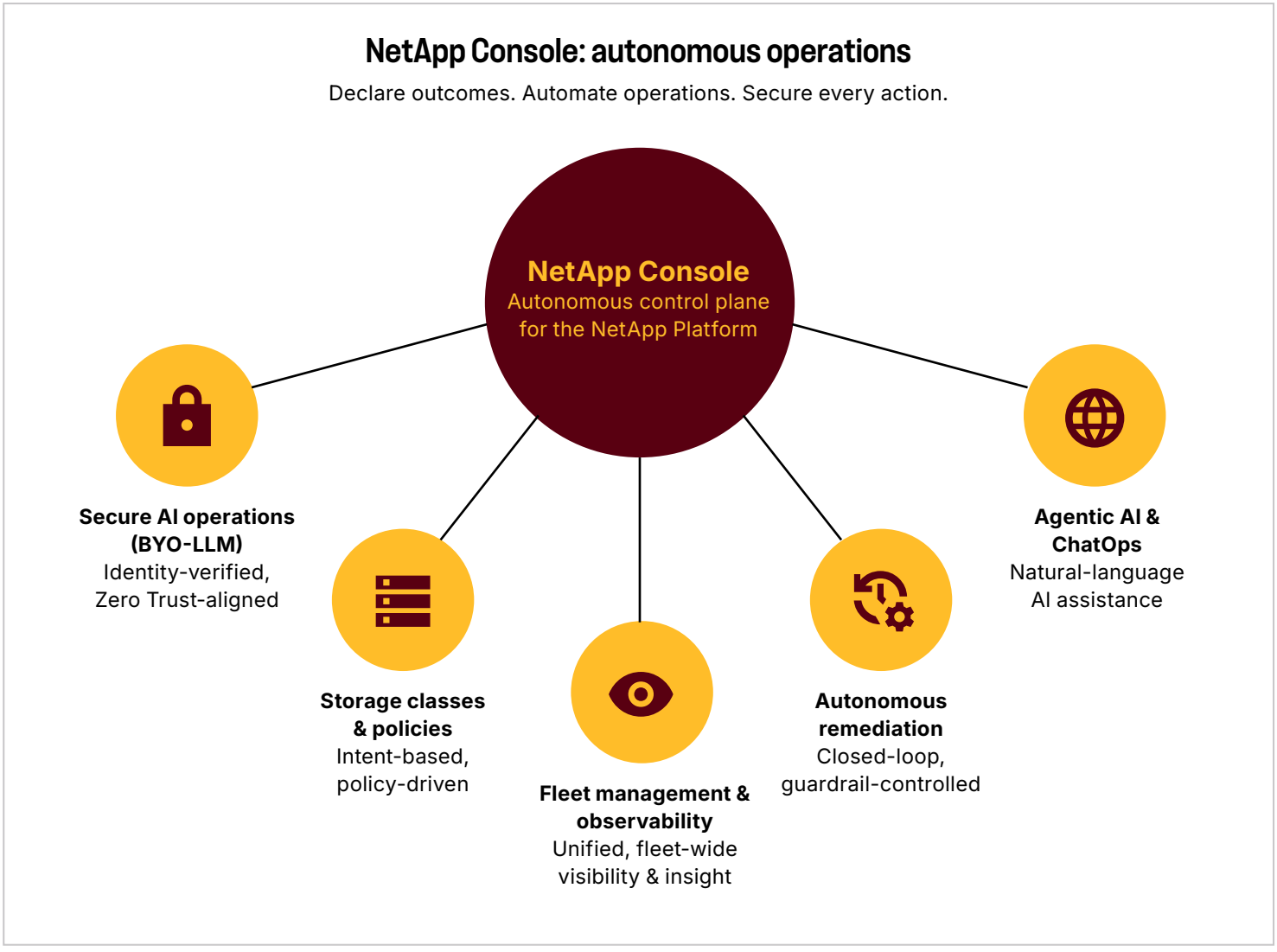
Accelerate productivity, reduce operational risk

In the autonomous estate era, humans declare the desired outcome and autonomous operations keep the storage estate aligned to that intent. Together, these capabilities

help teams move from reactive administration to outcome-driven fleet operations: with one unified experience always-on automation, continuous observability, AI-driven operations, predictive insights, guardrail-controlled provisioning, and built-in governance, Console helps reduce operational complexity, accelerate productivity, optimize resources, and maintain confident, secure control as storage fleets scale.

To see NetApp Console autonomous operations in action, visit the NetApp Console Interactive Showcase or explore NetApp Console at netapp.com/console.

Figure 1: NetApp Console autonomous operations overview



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About NetApp

For more than three decades, NetApp has helped the world's leading organizations navigate change – from the rise of enterprise storage to the intelligent era defined by data and AI. Today, NetApp is the Intelligent Data Infrastructure company, helping customers turn data into a catalyst for innovation, resilience, and growth. At the heart of that infrastructure is the NetApp data platform – the unified, enterprise-grade, intelligent foundation that connects, protects, and activates data across every cloud, workload, and environment. Built on the proven power of NetApp ONTAP, our leading data management software and OS, and enhanced by automation through the AI Data Engine and AFX, it delivers observability, resilience, and intelligence at scale. Disaggregated by design, the NetApp data platform separates storage, services, and control so enterprises can modernize faster, scale efficiently, and innovate without lock-in. As the only enterprise storage platform natively embedded in the world's largest clouds, it gives organizations the freedom to run any workload anywhere with consistent performance, governance, and protection. With NetApp, data is always ready – ready to defend against threats, ready to power AI, and ready to drive the next breakthrough. That's why the world's most forward-thinking enterprises trust NetApp to turn intelligence into advantage. www.netapp.com

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